

## LITHIUM SECONDARY BATTERY AND METHOD OF MANUFACTURING THE SAME

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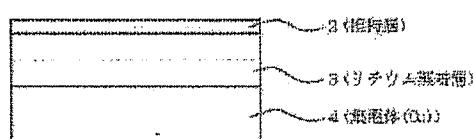
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Abstract of JP 2002373707 (A)

PROBLEM TO BE SOLVED: To provide a lithium secondary battery using lithium metal as negative electrode active material, hard to generate dendrites, and excellent in cycle life and security. SOLUTION: The negative electrode of the lithium secondary battery is an electrode obtained by forming a film of an amorphous lithium metal or amorphous lithium alloy on at least one kind of lithium ion support layer formed in the shape of a sheet. For the lithium ion support layer, a thin film of a vitreous solid electrolyte, a polymer solid electrolyte, a carbon material, or a lithium halogen compound, or a polyolefinic porous membrane, is used.

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